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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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EXAMINER

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ART UNIT

PAPER NUMBER

2838

DATE MAILED:

06/25/99

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.  
**09/247,097**

Applicant(s)  
**Miccune**

Examiner  
**Rajnikant Patel**

Group Art Unit  
**2838**



☒ Responsive to communication(s) filed on Feb 9, 1999

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-11 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-11 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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## **DETAILED ACTION**

### ***Claim Rejections - 35 U.S.C. § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, and 6-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Bickley et al. (U.S. Patent # 4,994,757).

Bickley et al. discloses claimed invention including a RF power amplifier (figure 1 and 4), a voltage regulator means (column 4, line 55-60 and item 50, 126 and 136), a power amplifier (figure 4, item 144), a switch-mode amplifier (figure 1, item 10), a level control (figure 4, item 129), the utilization of a class C amplifier is very well known in the art.

### ***Claim Rejections - 35 U.S.C. § 103***

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3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bickley et al. in combination with Strickland (U.S. Patent # 5,673,000) and Schwent et al. (U.S. Patent # 5,060,294).

Bickley et al. discloses claimed invention as explained in claim 1 and 11, above except utilization of a technique for a linear regulator stage, a hard-limited, class A and Class AB amplifier.

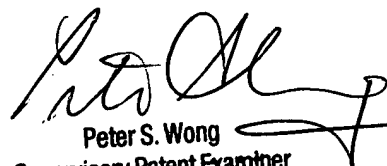
However Strickland teaches the utilization of a technique for a linear regulator stage (column 2, line 25-30) a hard-limited (column 2, line 31-34), class A and Class AB amplifier (column 3, line 5-10), similarly Schwent et al. Teaches different approach of linear mode (Abstract). It would have been obvious to one having a ordinary skill in the art at the time the invention made to modify Bickley et al.'s power amplifier by utilizing a linear regulator stage, a hard-limited, class A and Class AB amplifier as taught by Strickland and Schwent et al. for the purpose of reducing high level harmonic generation.

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5. Any inquiry concerning this communications or earlier from the examiner should be directed to Raj. Patel whose telephone number is (703) 305-7042. Any inquiry of a general nature or relating to the status of application should be directed to the Group receptionist whose telephone number is (703) 308-1782.

R. B. Patel

June 17, 1999

  
Peter S. Wong  
Supervisory Patent Examiner  
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